

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 04037-011001	Application No. 09/439,545
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant David E. Wolf	
		Filing Date November 12, 1999	Group Art Unit 3737

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
AC	AA	4,041,932	08/16/77	Fostick			
	AB	4,071,020	01/31/78	Pugliese			
	AC	4,330,299	05/18/82	Cerami			
	AD	4,344,438	08/17/82	Schultz			
	AE	4,352,883	10/05/82	Lim			
	AF	4,353,888	10/12/82	Sefton			
	AG	4,391,909	07/05/83	Lim			
	AH	4,401,122	08/30/83	Clark, Jr.			
	AI	4,409,331	10/11/83	Lim			
	AJ	4,532,123	07/30/85	Gardner			
	AK	4,663,286	05/05/87	Tsang et al.			
	AL	4,744,933	05/17/88	Rha et al.			
	AM	4,806,355	02/21/89	Goosen et al.			
	AN	4,933,185	06/12/90	Wheatley et al.			
	AO	4,981,779	01/01/91	Wagner			
	AP	5,001,051	03/19/91	Miller et al.			
	AQ	5,028,787	07/02/91	Rosenthal et al.			
	AR	5,084,350	01/28/92	Chang et al.			
	AS	5,101,814	04/07/92	Palti			
	AT	5,143,066	09/01/92	Komives et al.			
	AU	5,211,945	05/18/93	Wallach et al.			
	AV	5,227,298	07/13/93	Weber et al.			
	AW	5,244,636	09/14/93	Walt et al.			
	AX	5,320,814	06/14/94	Walt et al.			
	AY	5,324,518	06/28/94	Orth et al.			
	AZ	5,326,531	07/05/94	Hahn et al.			
AC	AAA	5,330,768	07/19/94	Park et al.			

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AC	ABB	5,341,805	08/30/94	Stavridi et al.			
	ACC	5,342,789	08/30/94	Chick et al.			
	ADD	5,427,935	06/27/95	Wang et al.			
	AEE	5,459,054	10/17/95	Skjak-Braek et al.			
	AFF	5,460,971	10/24/95	Gottlieb			
	AGG	5,512,544	04/30/96	Wallach et al.			
	AHH	5,543,158	08/06/96	Gref et al.			
	AII	5,545,423	08/13/96	Soon-Shiong et al.			
	AJJ	5,578,325	11/26/96	Domb et al.			
	AKK	5,626,862	05/06/97	Brem et al.			
	ALL	5,651,980	07/29/97	Lanza et al.			
	AMM	5,679,340	10/21/97	Chappel			
	ANN	5,869,077	02/09/99	Dionne et al.			
	AOO	5,871,767	02/16/99	Dionne et al.			
	APP	5,972,363	10/26/99	Clikeman et al.			
	AQQ	5,955,108	09/21/99	Sutton et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	ARR	0 127 713	11/02/89	EPO				
	ASS	0 127 989	12/12/84	EPO				
	ATT	0 180 309 B2	12/17/97	EPO				
	AUU	0 188 309 B1	05/23/90	EPO				
	AVV	0 301 777 A1	02/01/89	EPO				
	AWW	0 433 900 B1	09/20/95	EPO				
✓	AXX	0 512 528 B1	09/15/99	EPO				
AC	AYY	0 526 905 A2	02/10/93	EPO				

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							Yes	No
AC	AZZ	0 606 869 A1	07/20/94	EPO				
	AAAA	1 236 885	06/23/71	GB				
	ABBB	1 257 178	12/15/71	GB				
	ACCC	2 119 734 A	11/23/83	GB				
	ADDD	WO 83/03061	09/15/83	PCT				
	AEEE	WO 90/10861	09/20/90	PCT				
	AFFF	WO 92/19195	11/12/92	PCT				
	AGGG	WO 93/24112	12/09/93	PCT				
	AHHH	WO 94/12161	06/09/94	PCT				
	AIII	WO 94/15589	07/21/94	PCT				
	AJJJ	WO 95/19743	07/27/95	PCT				
	AKKK	WO 95/31206	11/23/95	PCT				
	ALLL	WO 96/28029	09/19/96	PCT				
	AMMM	WO 99/29306	06/17/99	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	ANNN	Abbas et al., <u>Cell & Molecular Immunology</u> , Saunders Press, Philadelphia, 2 nd Edition, 1994, Chapter 12, pp. 240-260
	AOOO	Bruce et al., <u>Neurobiology of Aging</u> , 1989, 10:89-94
	APPP	Bruni et al., <u>Biomat. Art. Cells Art. Org.</u> , 1989, 17(4):403-411
	AQQQ	Cai et al., <u>Hepatology</u> , 1989, 10(5):855-860
	ARRR	Cardullo et al., <u>Proc. Natl. Acad. Sci. USA</u> , 1988, 85(23):8790-8794
	ASSS	Cardullo et al., <u>Analytical Biochemistry</u> , 1990, 188:305-309
	ATTT	Cerra, <u>Surgery</u> , 1987, 101(1):1-14
	AUUU	Chang et al., <u>Canadian Journal of Physiology and Pharmacology</u> , 1966, 44:115-128
✓	AVVV	Chang, <u>Artificial Organs</u> , 1980, 4(4):264-271
AC	AWWW	Chang, <u>Biomat., Art. Cells & Immob. Biotech.</u> , 1992, 20(5):1121-1143

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AC	AXXX	Chang, <u>Biomat., Art. Cells & Immob. Biotech.</u> , 1992, 20(2-4):159-179
	AYYY	Chang, <u>Fundamentals of Animal Cell Encapsulation and Immobilization</u> , 1993, by Mattheus F. A. Goosen, London - CRC Press, Chapter 8, pp. 183-196
	AZZZ	Chang, <u>Biomat., Art. Cells & Immob. Biotech.</u> , 1993, 21(3):291-297
	AAAAA	Chien et al., <u>Proc. Natl. Acad. Sci. USA</u> , 1991, 88:9578-9582
	ABBBB	Dahinden et al., <u>Int. Arch. Allergy Immunol.</u> , 1997, 113:134-137
	ACCCC	de Oca et al., <u>Transplantation Proceedings</u> , 1997, 29(3):1803
	ADDDD	Dupuy et al., <u>Biomaterials</u> , 1991, 12(5):493-496
	AEEEE	Essayan et al., <u>Biochemical Pharmacology</u> , 1997, 53(7):1055-1060
	AFFFF	Fici et al., <u>Free Radical Biology & Medicine</u> , 1997, 22(1-2):223-228
	AGGGG	Forster, <u>Zeitschrift für Naturforschung</u> , 1949, 4a:321-327
	AHHHH	Förster, <u>Discussions of the Faraday Society</u> , 1959, 27:7-17
	AIIII	Goodman et al., <u>Cytokine & Growth Factor Reviews</u> , 1996, 7(2):191-202
	AJJJJ	Goosen et al., <u>Polymers in Medicine II: Biomedical and Pharmaceutical Applications</u> , 1985, Chiellini et al., (eds.), Plenum Press, pp. 235-246
	AKKKK	Goosen, <u>CRC Critical Reviews in Biocompatibility</u> , 1987, 3(1):1-24
	ALLLL	Grasbon-Frodl et al., <u>Exp. Brain Res.</u> , 1997, 113:138-143
	AMMMM	Haugland, <u>Handbook of Fluorescent Probes and Research Chemicals</u> , 1989, Molecular Probes, Inc., Eugene, Oregon (Table of Contents only)
	ANNNN	Heller et al., <u>Rapid Detection and Identification of Infectious Agents</u> , 1985, Academic Press, pp. 245-256
	AOOOO	Heller et al., <u>Federation Proceedings</u> , 1987, 46(6), Abstract No. 248
	APPPP	Ishizaki et al., <u>Transplantation Proceedings</u> , 1997, 29(1-2):1333-1334
	AQQQQ	Ito et al., <u>Artif. Organs</u> , 1992, 16(4):422-427
	ARRRR	Joyce et al., <u>Eur. J. Immunol.</u> , 1994, 24(11):2699-2705
	ASSSS	Kirk-Othmer, <u>Encyclopedia of Chemical Technology</u> , Fourth Edition, John Wiley & Sons, New York, Vol. 4, pp. 208-220
	ATTTT	Krysztopik et al., <u>Transplantation</u> , 1997, 63(9):1215-1220
	AUUUU	Kucharzik et al., <u>Digestive Diseases and Sciences</u> , 1997, 42(4):805-812
✓	AVVVV	Lakowicz, <u>Laser Focus World</u> , 1992, 28(5):60-62, 66-80
AC	AWWW	Lanza et al., <u>Proc. Natl. Acad. Sci. USA</u> , 1991, 88(24):11100-11104

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AC	AXXXX	Leung et al., <u>Artificial Organs</u> , 1983, 7(2):208-212
	AYYYY	MacDonald, <u>Int. Arch. Allergy Immunol.</u> , 1997, 113:187-189
	AZZZZ	McKinnon et al., <u>Molecular Reproduction and Development</u> , 1991, 29:200-207
	AAAAA	Meadows et al., <u>Talanta</u> , 1988, 35(2):145-150
	ABBBB	Nelson et al., <u>Diabetes Spectrum</u> , 1992, 5(6):324-325, 370-371
	ACCCC	Nguyen et al., <u>Journal of Investigative Medicine</u> , 1997, 45(3):241A
	ADDDD	Parker et al., <u>SPIE</u> , 1986, 713:113-120
	AEEEE	Patel et al., <u>Toxicology and Applied Pharmacology</u> , 1997, 142:116-122
	AFFFF	Roberts et al., <u>Journal of Investigative Medicine</u> , 1997, 45(3):235A
	AGGGG	Rosenberg et al., <u>New Eng. J. Med.</u> , 1990, 323(9):570-578
	AHHHH	Schultz et al., <u>Diabetes Care</u> , 1982, 5(3):245-253
	AIIII	Segal et al., <u>Journal of Immunology</u> , 1997, 158:5087-5090
	AJJJJ	Soon-Shiong et al., <u>Transplantation Proceedings</u> , 1991, 23(1):758-759
	AKKKK	Soon-Shiong et al., <u>Transplantation</u> , 1992, 54(5):769-774
	ALLLL	Stryer et al., <u>Proc. Natl. Acad. Sci. USA</u> , 1967, 58:719-726
	MMMM	Sun et al., <u>CRC Critical Reviews in Therapeutic Drug Carrier Systems</u> , 1987, 4(1):1-12
	ANNNN	Tanaka et al., <u>Journal of the American College of Surgeons</u> , 1997, 184(4):389-396
	AOOOO	Torri et al., <u>Molecular and Chem. Neuropathy</u> , 1997, 30(1-2):15-24
	APPPP	Villa et al., <u>Pharmacological Reviews</u> , 1997, 49(1):99-136
	AQQQQ	Warnock et al., <u>Diabetes</u> , 1988, 37(4):467-470
	ARRRR	Welling et al., <u>Human Gene Therapy</u> , 1996, 7(15):1795-1802
	ASSSS	Wesch et al., <u>Eur. J. Immunol.</u> , 1997, 27(4):952-956
	ATTTT	Widner et al., <u>Transplantation Proceedings</u> , 1991, 23:793-795
	AUUUU	Williams et al., <u>Proc. Natl. Acad. Sci. USA</u> , 1986, 83(23):9231-9235
	AVVVV	Wilson, <u>Biotechnology</u> , 1983, 1:3-4
✓	WWWW	Wong et al., <u>Biomat., Art. Cells, Art. Org.</u> , 1988, 16(4):731-739
AC	AXXXX	Wong et al., <u>Biomat., Art. Cells & Immob. Biotech.</u> , 1991, 19(4):675-686

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AC	AYYYY	Wong et al., <u>Biomat. Art. Cells & Immob. Biotech.</u> , 1991, 19(4):687-697
	AZZZZZ	Young et al., <u>BioPharm.</u> , 1989, 2:34-46
AC	AAAAA	Young, <u>Fundamentals of Animal Cell Encapsulation and Immobilization</u> , CRC Press, 1993, Chapter 11, pp. 243-265
	BBBBB	Zurawski et al., <u>Immunology Today</u> , 1994, 15(1):19-26

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